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BOX PATENT APPLICATION 72 U.S. PTO  
Washington, D.C. 20231

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DOCKET NO. JP920010119US1  
Date: August 28, 2001

JC997 U.S. PTO  
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08/28/01

Sir:  
Transmitted herewith for filing is the Patent Application of:  
Inventors: DEEPAK GUPTA

ASSIGNEE NAME: International Business Machines Corporation  
ASSIGNEE RESIDENCE: Armonk, New York

For: IMPROVED SECURE AUTHENTICATION USING DIGITAL CERTIFICATES

Enclosed are:

X 2 Sheets of Informal Drawings.

X An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

     A certified copy of a          application, dated         , no.         .

X Executed Declaration and Power of Attorney is attached to the application.

     Associate Power of Attorney.

     Information Disclosure Statement with form PTO-1449 with references attached.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)
FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	15 - 20 =	0
INDEP CLAIMS	3 - 3 =	0
MULTIPLE DEPENDENT CLAIM PRESENTED		

If the difference in Col. 1 is less than zero, enter "0" in Col. 2.

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RATE	FEE
	\$ 710.00
X \$ 18 =	\$ 0.00
X \$ 80 =	\$ 0.00
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x Any additional filing fees required under 37 CFR 1.16.

x Any patent application processing fees under 35 CFR 1.17.

Respectfully submitted,

By Manny Schecter  
Manny Schecter  
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IBM CORPORATION  
INTELLECTUAL PROPERTY LAW DEPT.  
P.O. BOX 218  
YORKTOWN HEIGHTS, NY 10598

Express Mail EL894234794US  
Date of Deposit: Aug. 28, 2001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Deepak Gupta

Serial No.:

Group No.

Filed: Herewith

Examiner:

For: IMPROVED SECURE AUTHENTICATION USING DIGITAL CERTIFICATES

Assistant Commissioner of Patents and Trademarks  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

Express Mail Label Number EL894234794US

Date of Deposit August 28, 2001

I hereby certify that the attached paper or fee

Acknowledgement Postcard

Patent Application Transmittal Letter (original and one copy)

Patent Application

Informal Drawings (2 Sheets)

Assignment to IBM with Recordation Form

Executed Declaration and Power of Attorney

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Kathy Cognatello

(Name)

Kathy Cognatello

Signature

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Docket No. JP920010196US1